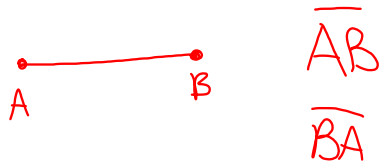
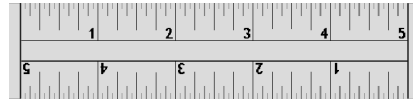


# 1-2 Linear Measure and Precision

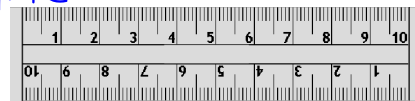
Line Segment—has 2 endpoints; can be measured



$AB \rightarrow$  "the length of  $\overline{AB}$ "



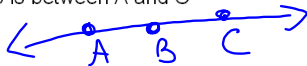
Customary  
Inch ( $\frac{1}{16}$ )  
Metric



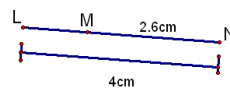
Betweenness of points—Point B is between points A and C, if A, B, & C are collinear and  $AB + BC = AC$ .



B is between A and C



E is NOT between D and F



$$LM = 1.4 \text{ cm}$$

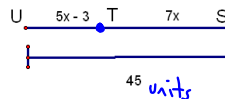
$$4 - 2.6 = 1.4$$

Find ST if T is between U and S and  $UT = 5x - 3$  and  $ST = 7x$

$$5x - 3 + 7x = 45$$

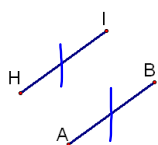
$$12x = 48$$

$$ST = 28 \text{ units}$$



Segments can be the same length

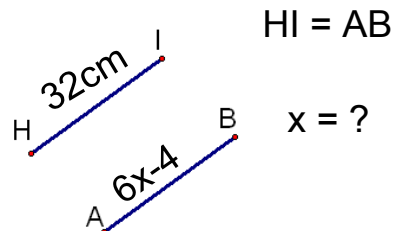
Congruent—same measure



$$\overline{HI} \cong \overline{AB}$$

$$HI = AB$$

Segments  $\cong$   
measurements  
=



$$6x - 4 = 32$$

$$6x = 36$$

$$x = 6$$

HW

p17-18

#s 12-15, 22-29, 32-36

p19 Quiz 1

#s 1-3